

FIG. 1

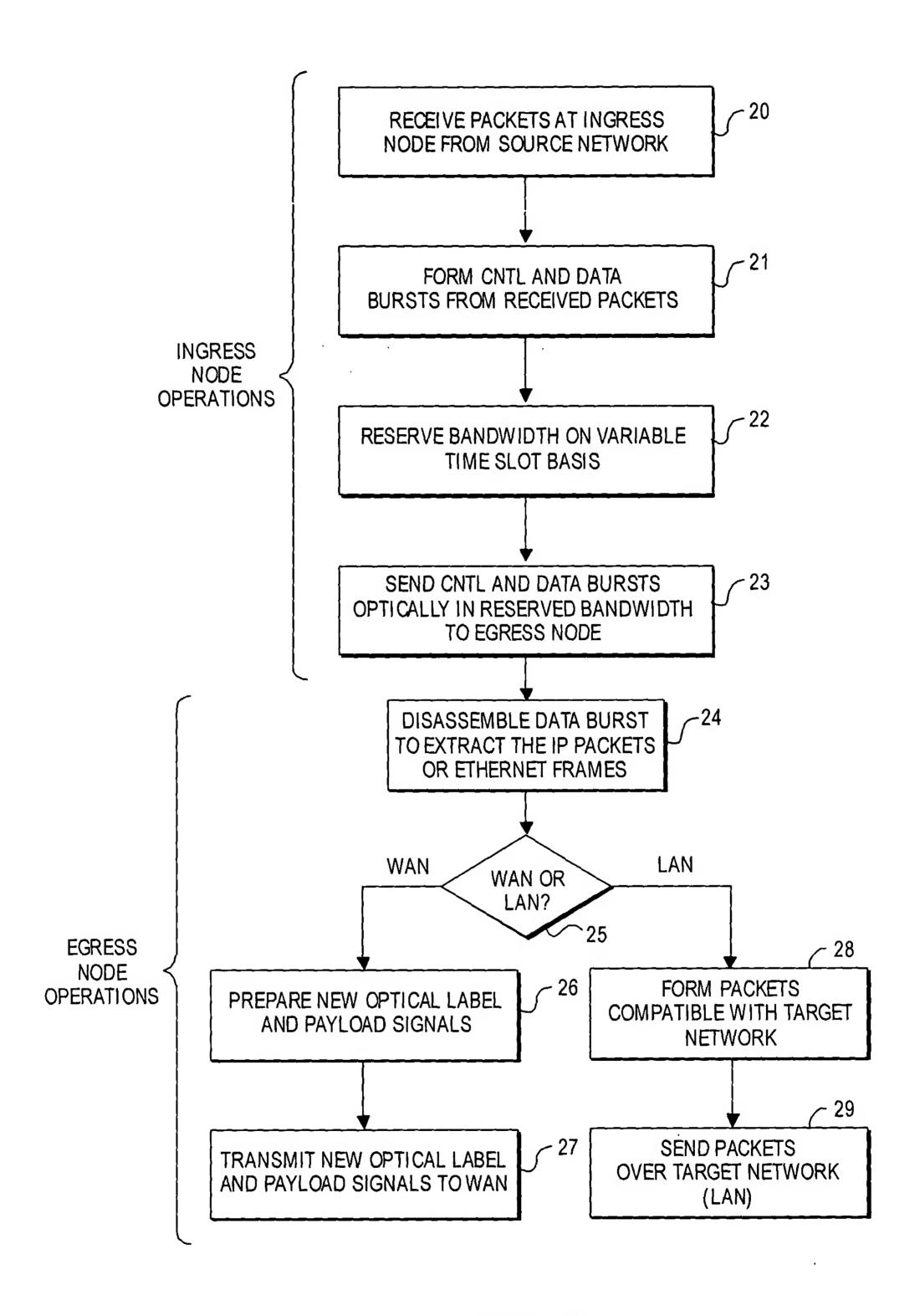


FIG. 2

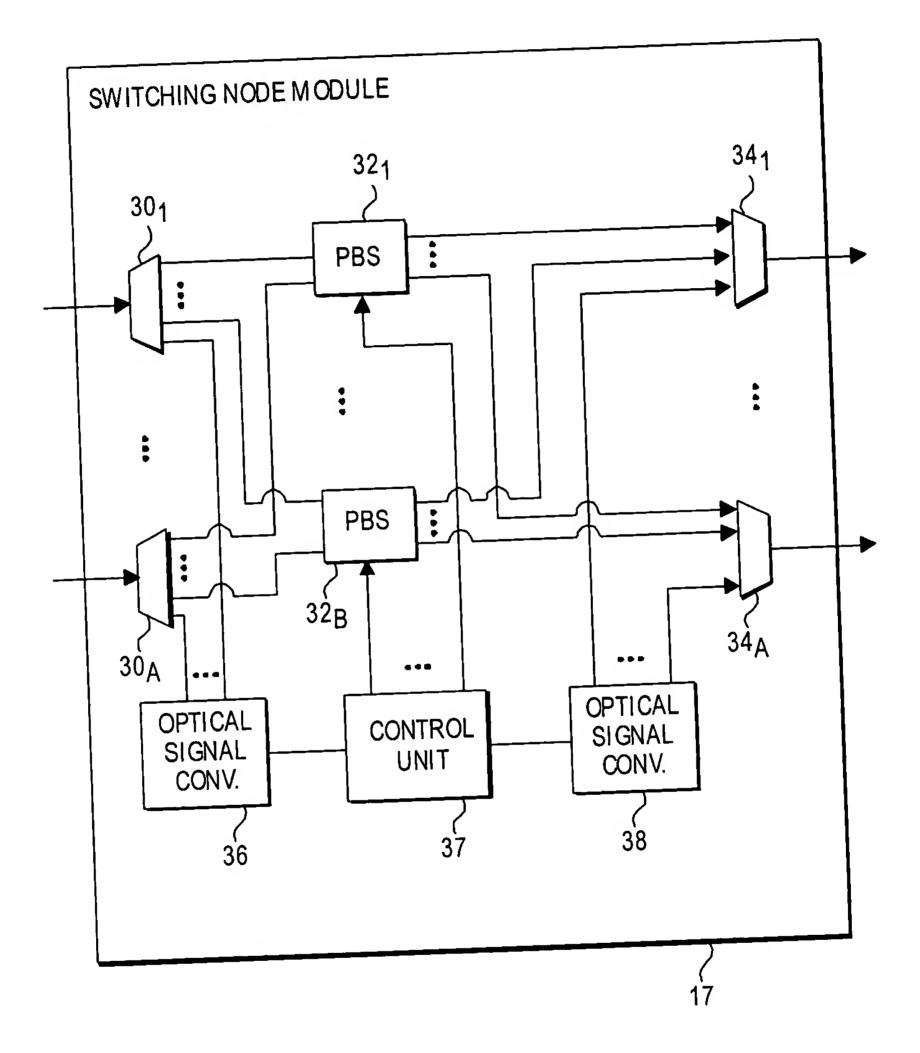
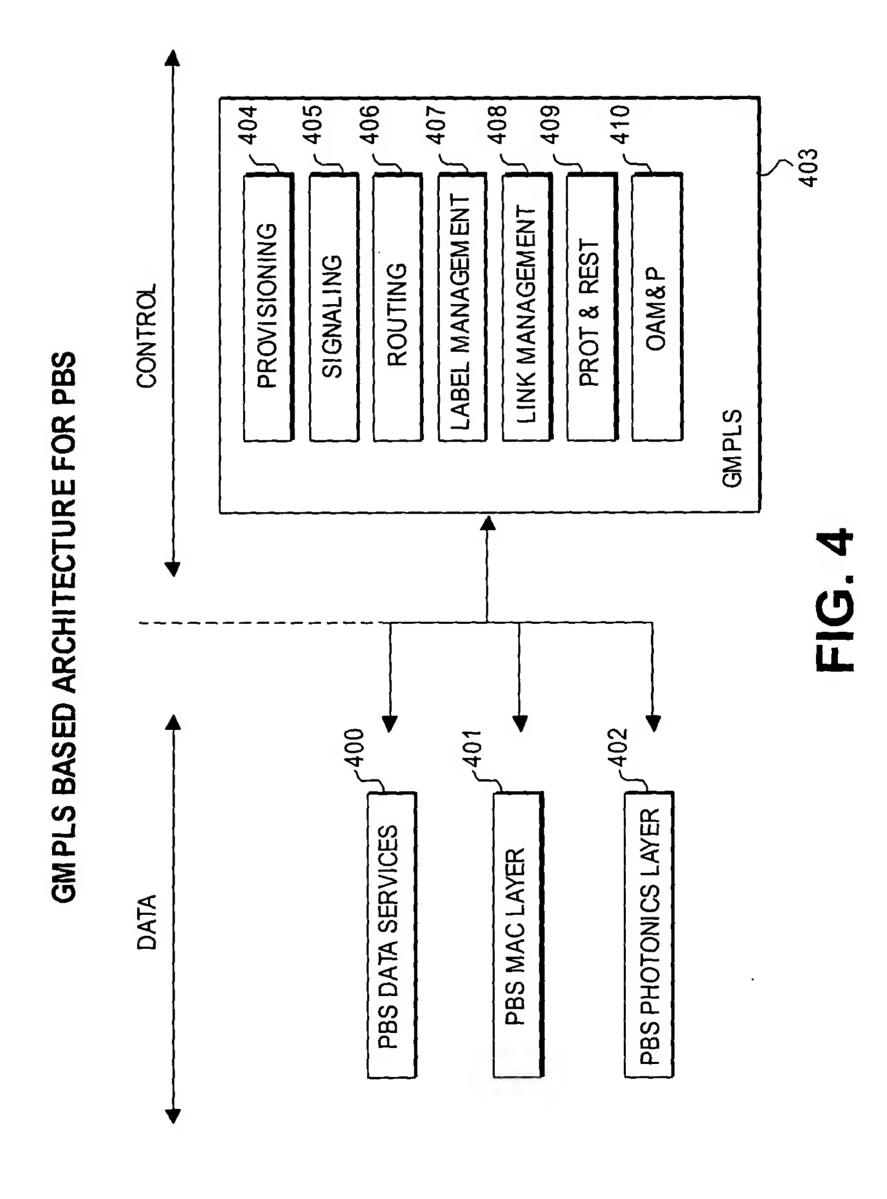
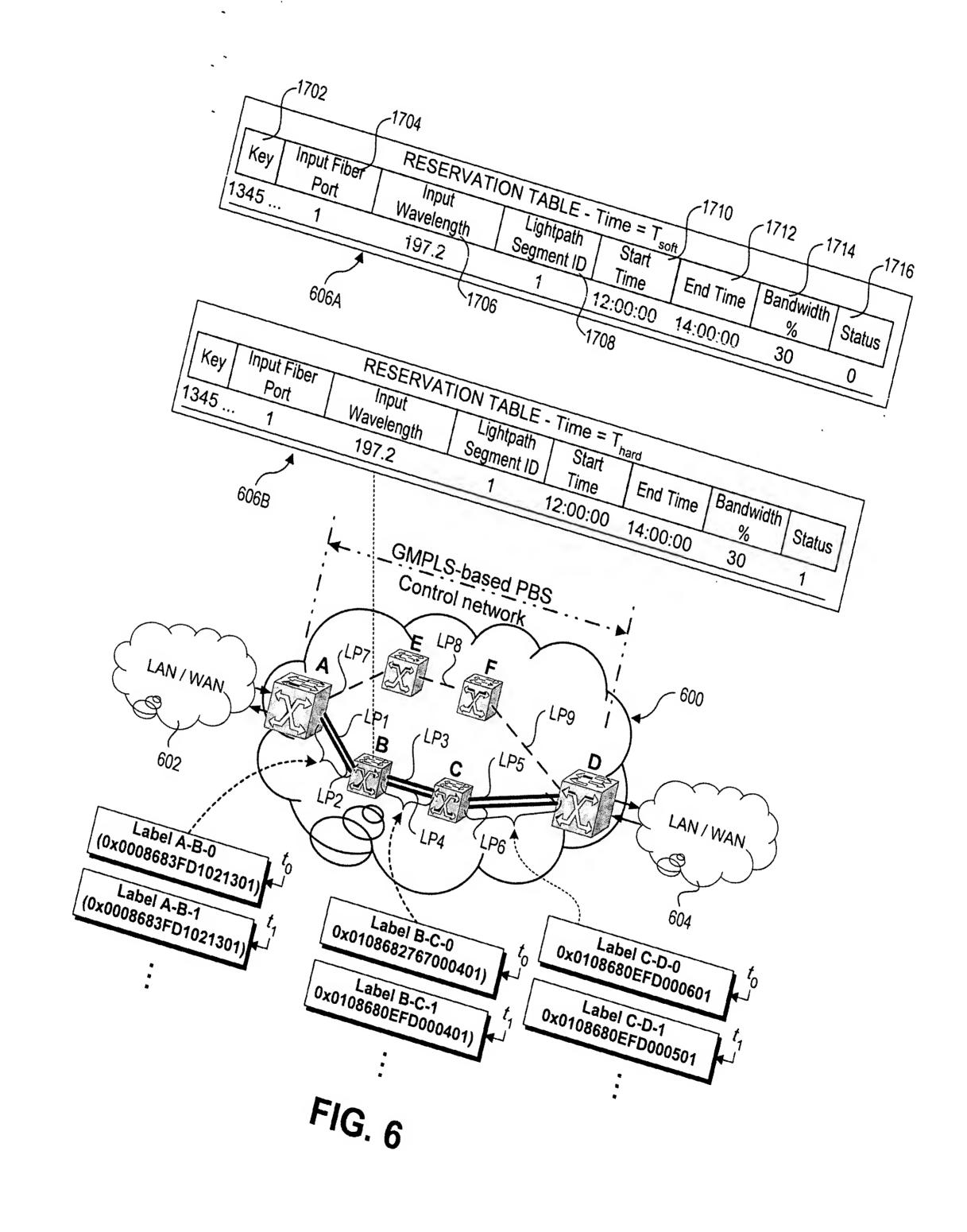
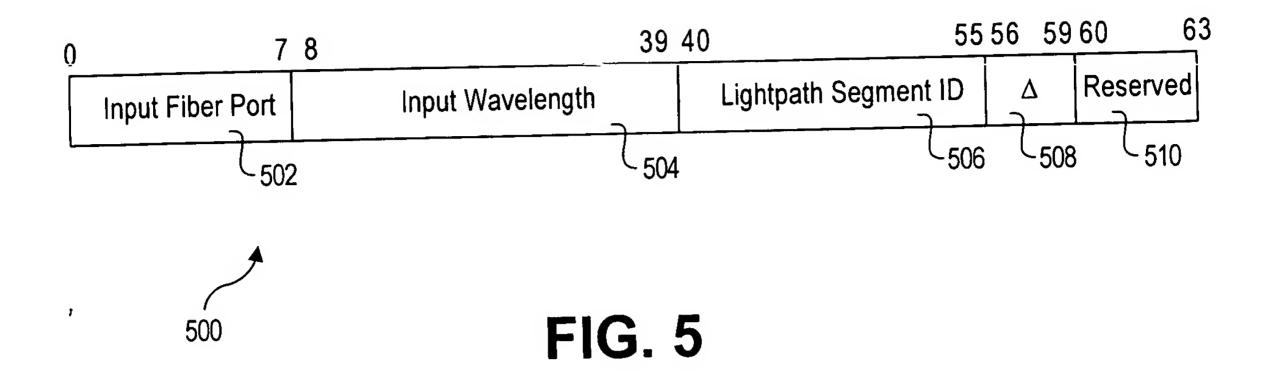


FIG. 3







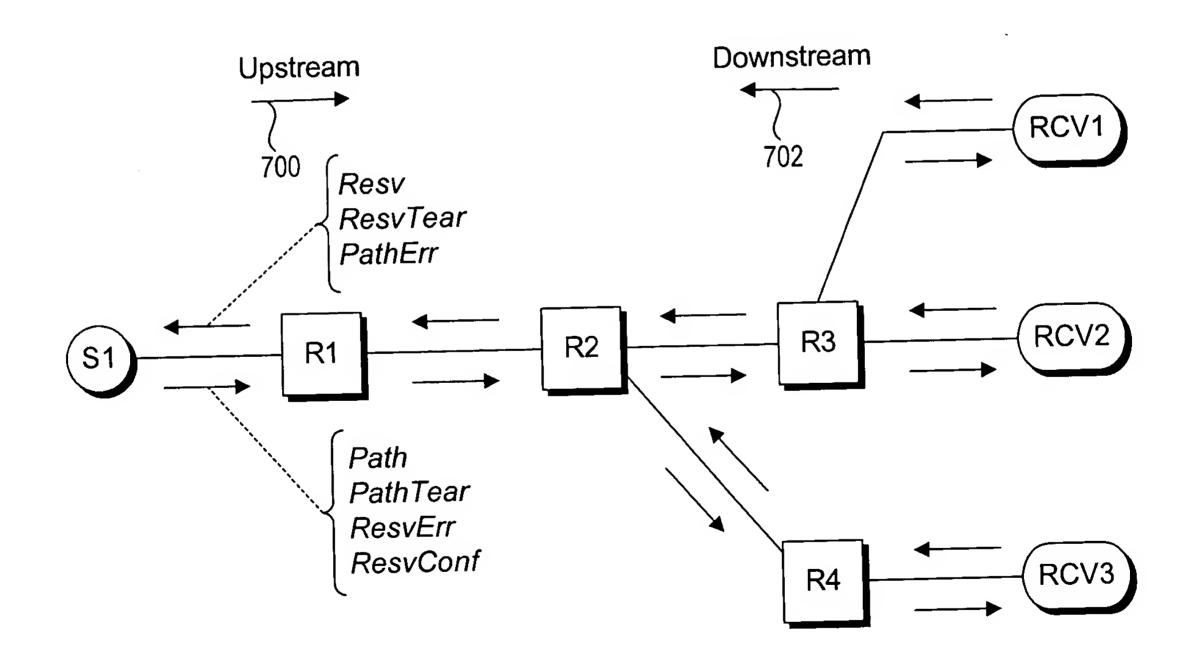


FIG. 7

```
<Path Message> ::=
              <Common Header> \sim 802
              [ <INTEGRITY> ] \sim 804
              <UNI IPv4 SESSION>\sim806
              <IPv4 IF ID_RSVP_HOP>\sim808
              <TIME_VALUES>\sim810
              [ <EXPLICIT_ROUTE> ]\sim811
              <GENERALIZED_PBS_LABEL_REQUEST>∼812
              [ <LABEL_SET> ... ]\sim814
              [ < ADMIN_STATUS> ]\sim816
              <DESTINATION_PBS_ADDRESS>\sim818
              <SOURCE_PBS_ADDRESS >\sim820
               [ <POLICY DATA> ... ] \sim 822
              -<sender descriptor> \sim824
or
                                               800
                        FIG. 8a
    Sender descriptor for a unidirectional PBS light-path:
 -::-

✓sender descriptor> ::=
         <LSP_TUNNEL_IPv4_SENDER_TEMPLATE> \sim826
         <pbs_SENDER_TSPEC>\sim828
                                              824A
                        FIG. 8b
     Format of the sender descriptor for a bi-directional PBS light-path
    -><sender descriptor> ::=
          <LSP TUNNEL IPv4 SENDER_TEMPLATE> \sim826
          <pbs_SENDER_TSPEC>\sim828
          <UPSTREAM_LABEL> \sim830
                                               824B
                        FIG. 8c
```

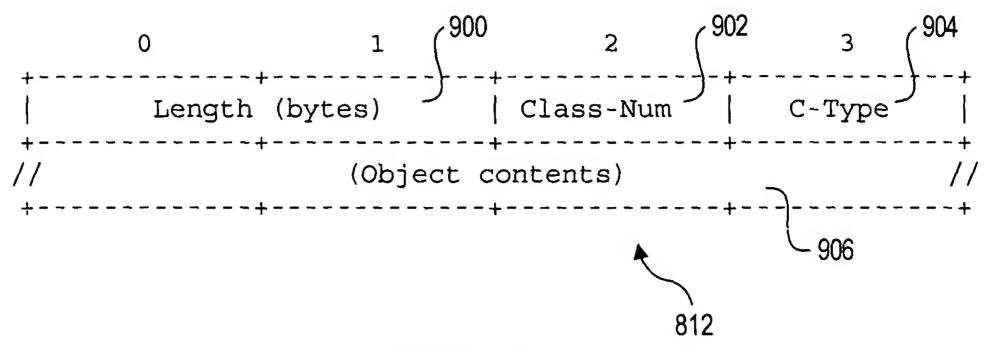


FIG. 9

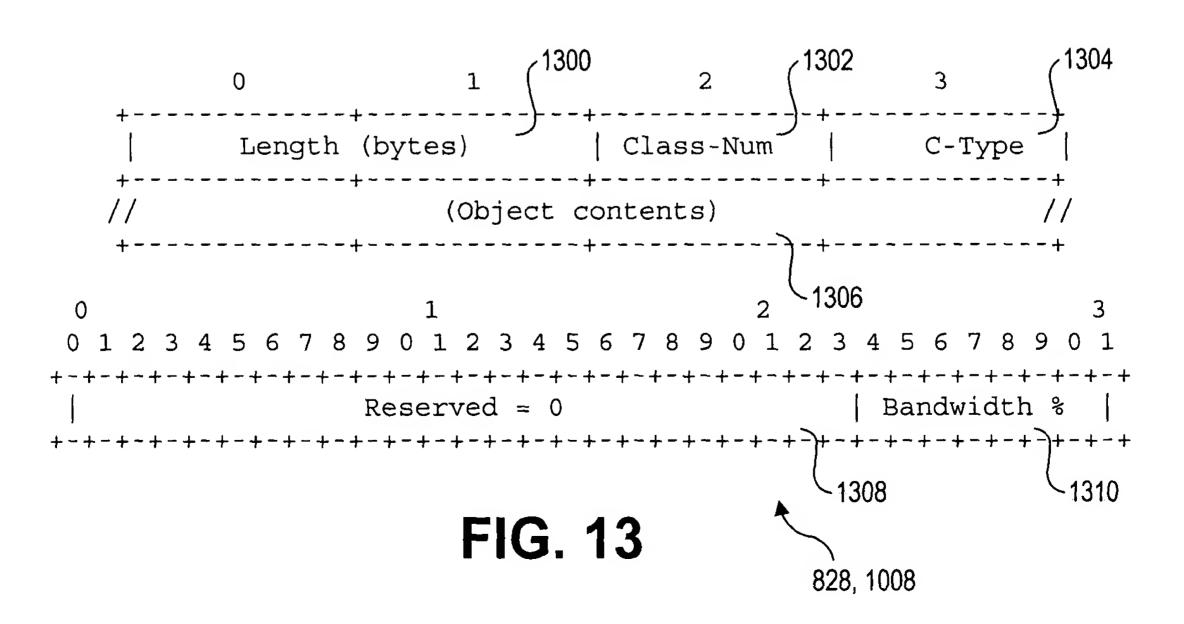
```
<Resv Message> ::=
     <Common Header> \sim 802
     [ <INTEGRITY> ] \sim804
     <UNI_IPv4_SESSION>\sim806
     < IPv4_IF_ID_RSVP_HOP > \sim 808
     <TIME_VALUES> \sim810
     [ <IPv4_RESV_CONFIRM> ] \sim1004
     [ <ADMIN_STATUS>] \sim816
     [ <POLICY_DATA> ... ] \sim822
     <STYLE> \sim1006
     <FF flow descriptor> \sim1008
                                    1000
           FIG. 10a
   → <FF flow descriptor> ::=
     PBS_FLOWSPEC>\sim1010
     <LSP_TUNNEL_IPv4_FILTER_SPEC> ~1012
     <GENERALIZED_PBS_LABEL>~1014
           FIG. 10b
                                     1008
```

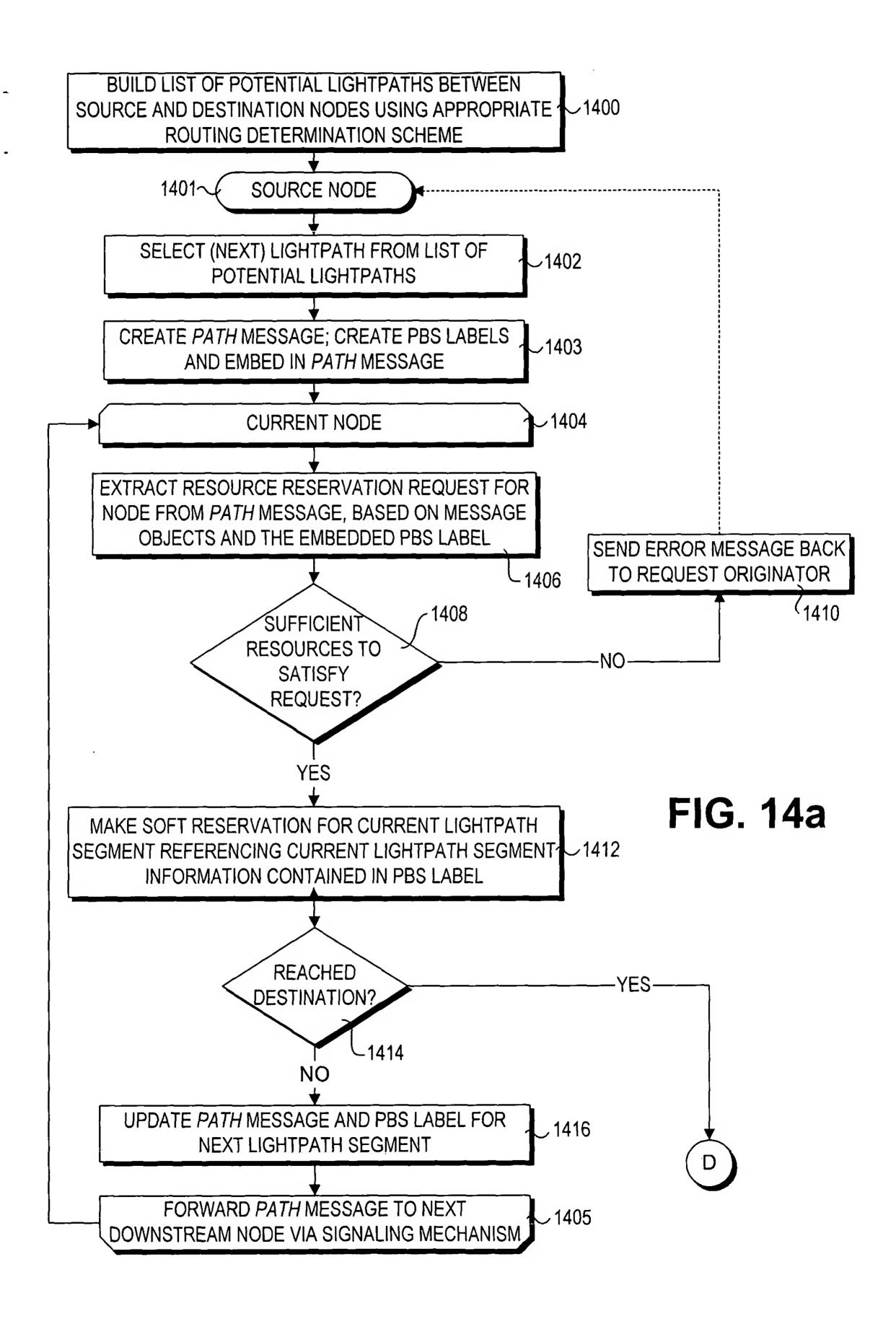
FIG. 11

1100

1200

FIG. 12





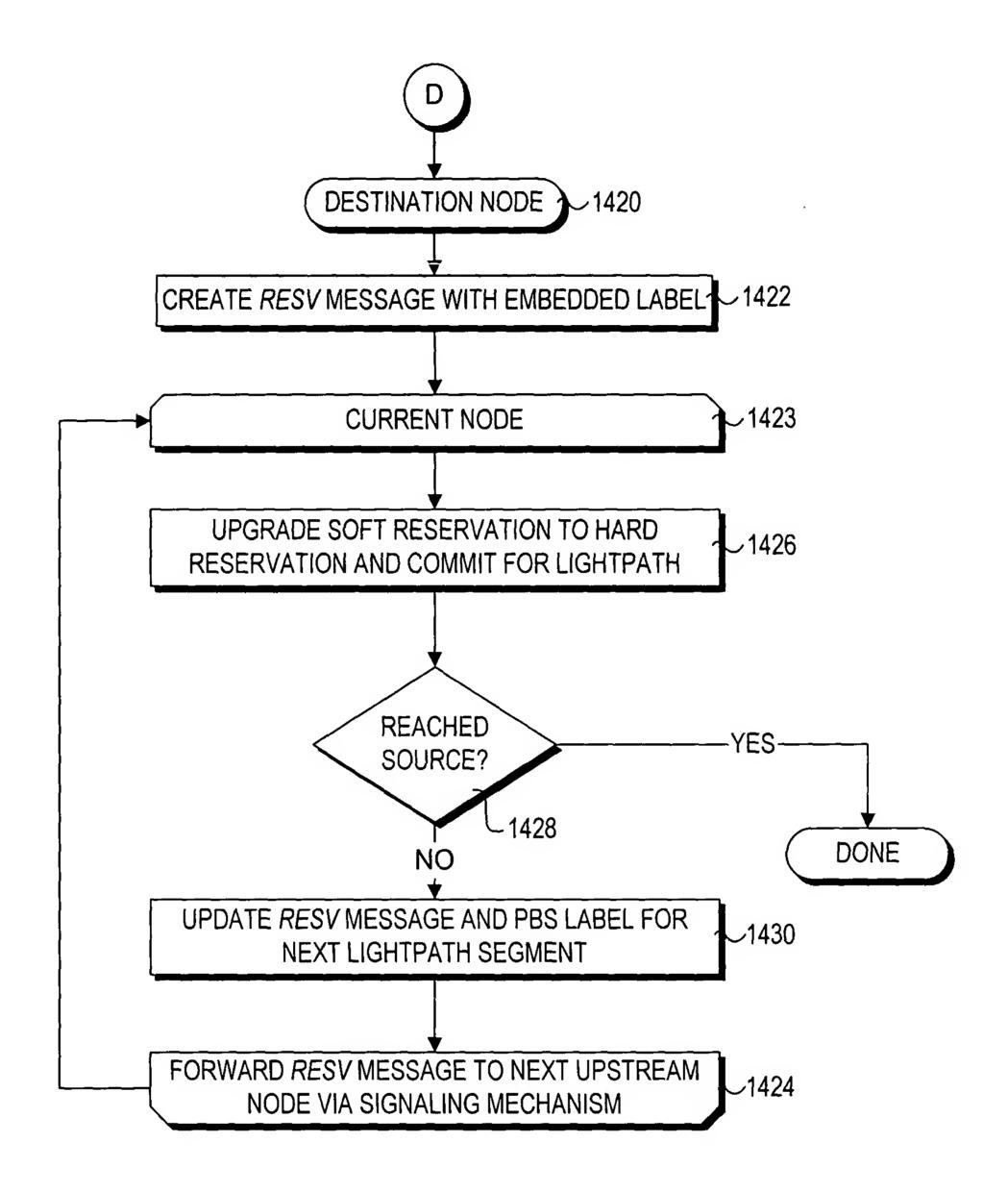
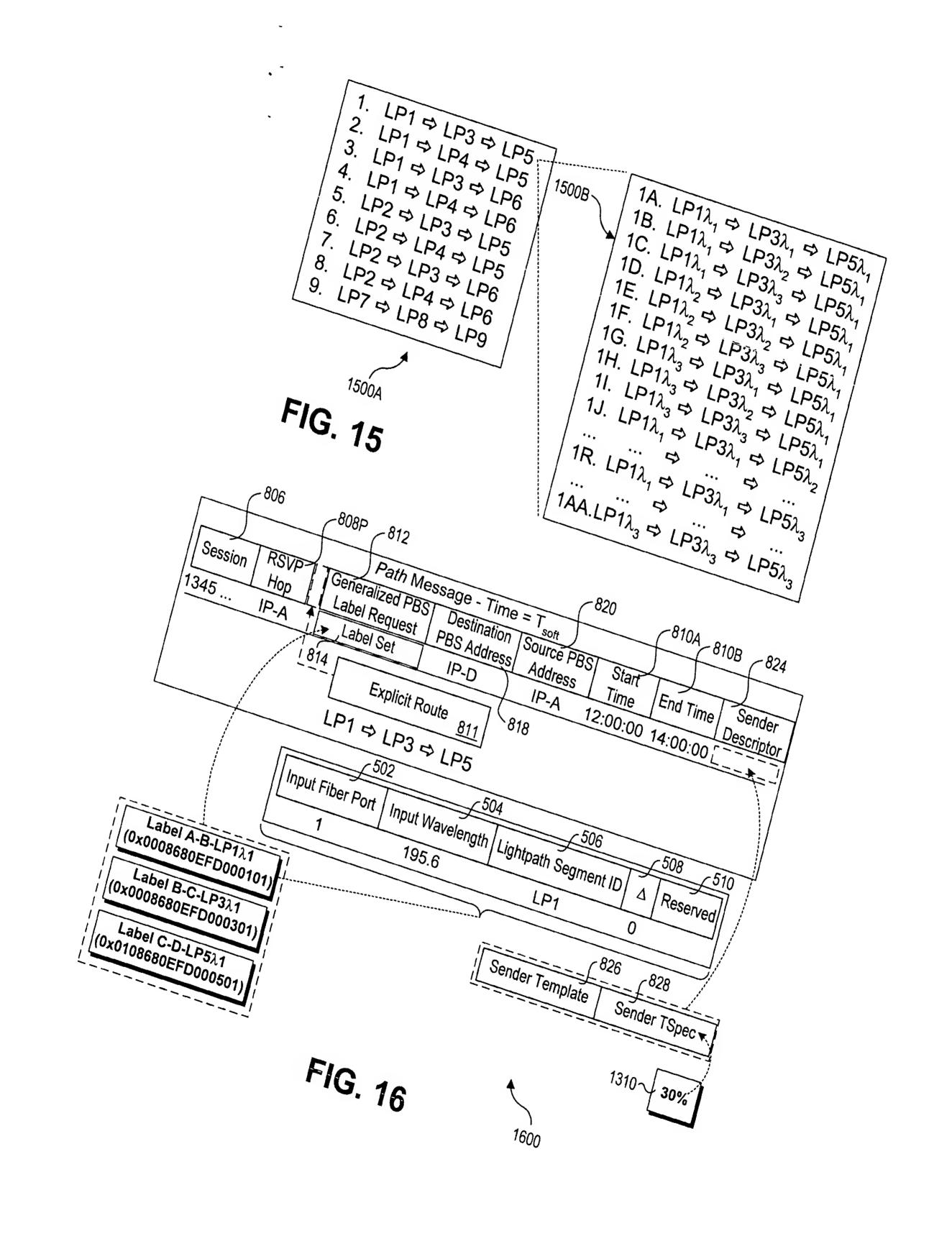


FIG. 14b



(1702 (1704	1706	(₋ 1708	_1710	-1712 1714	171
			RESE	RVATION TA	BLE)	
Key	Input Fiber	Input Wavelength		Lightpath	Start	End Time	Bandwidth	Status
(Session)	Port			Segment ID	Time	Lila Tille	%	Status
1005	1	4	196.4	1	12:00:00	15:00:00	20	1
1027	1	•	197.2	1	11:00:00	12:00:00	30	1
1045	2		197.2	2	12:00:00	13:00:00	35	1
1115	1		96.4	1	12:00:00	14:00:00)15	1
1146	1		195.6	11	12:45:00	14:30:00	9 40	1
1178	2		196.4	2	12:00:00	14:00:00) 10	1
1222	1		197.2	1	13:00:00	14:00:00)25	1
1 1256	1		195.6	1	12:30:00	13:45:00)25	1
1313	2		196.4	2	11:30:00	12:15:00)20	0
L 1345	1		195.6	1	12:00:00	14:00:00	30	0

1700

FIG. 17a

						95	
1345	1	195.6	1	12:00:00	14:00:00	30	0
1256	1	195.6	1	12:30:00	13:45:00	25	1
1146	1	195.6	1	12:45:00	14:30:00	40	1

FIG. 17b

